

Converting Colors

`RYB(178, 183, 152)`

Have a look what the booklet for
RYB(178, 183, 152) contains.

RYB(178, 183, 152)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(178, 183, 152)

Conversions

Conversions Part 1

Format	Color
Hex	B7A998
RGB	183, 169, 152
RGB Percent	72%, 66%, 60%
CMY	0.2824, 0.3378, 0.4039
CMYK	0.00, 0.08, 0.17, 0.28
HSL	33°, 18%, 66%
HSV	33°, 17%, 72%
XYZ	39.3578, 40.6580, 35.4792
YIQ	171.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

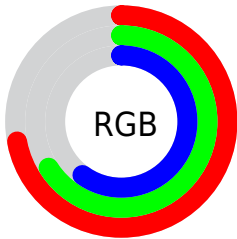
Format	Color
RYB	178, 183, 152
Decimal	12036504
CIELab	69.94, 2.27, 10.54
CIELCh	70, 10.780, 77.865
Yxy	40.6580, 0.3408, 0.3520
Android (android.graphics.Color)	4290226584 (0xFFB7A998)
YUV	171.2480, -9.4893, 10.3065
Hunter-Lab	63.7636, -1.4081, 11.6446

Details

The RYB color **178, 183, 152** is a light color, and the websafe version is hex **999999**. A complement of this color would be **152, 162, 183**, and the grayscale version is **171, 171, 171**.

A 20% lighter version of the original color is **234, 239, 206**, and **125, 130, 101** is the 20% darker color. If you saturate the color by 10%, you get **174, 183, 134**, and if you desaturate by 10%, it is **181, 183, 170**.

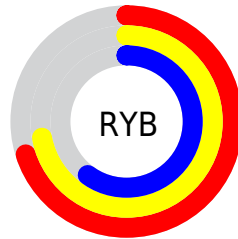
Distribution



Red (72%)

Green (66%)

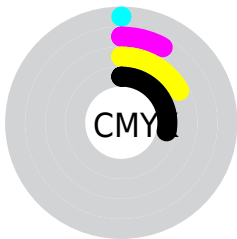
Blue (60%)



Red (70%)

Yellow (72%)

Blue (60%)

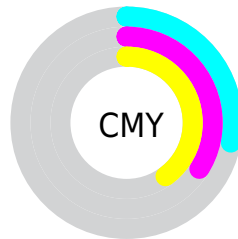


Cyan (0%)

Magenta (8%)

Yellow (17%)

Black (28%)



Cyan (28%)

Magenta (34%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 178, 183, 152 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RYB color 178, 183, 152 by changing the saturation by 10% instead.


 178, 183, 152

255, 255, 255

 234, 239, 206

 236, 255, 234

 178, 183, 152

 152, 156, 126

 125, 130, 101

 99, 104, 77


 73, 80, 54


 50, 57, 33


 25, 35, 11


 5, 0, 0


 0, 0, 0


 178, 183, 152


 178, 183, 152

 174, 183, 134


 181, 183, 170

 172, 183, 115

 183, 185, 189

 168, 183, 97


 183, 191, 207

 168, 183, 79


 183, 196, 225

 165, 183, 61

 183, 202, 244

 159, 183, 42

 183, 207, 255

 159, 183, 24

 183, 210, 255

 155, 183, 6

 183, 214, 255

 152, 183, 0

 183, 216, 255

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



190, 169, 157



178, 183, 152



153, 173, 152

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



178, 183, 152



147, 162, 177



180, 167, 184

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



178, 183, 152



152, 162, 183

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



168, 170, 189



178, 183, 152



148, 164, 185

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



178, 183, 152



152, 167, 176



156, 167, 190



189, 165, 175

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



178, 183, 152



155, 174, 164



156, 167, 190



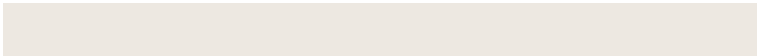
176, 168, 186

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



178, 183, 152



234, 237, 225



183, 152, 166



118, 120, 113



247, 247, 247



120, 120, 120

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



178, 183, 152



228, 237, 190



152, 183, 153



90, 92, 83



130, 156, 0



24, 28, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



152, 162, 183



190, 205, 237



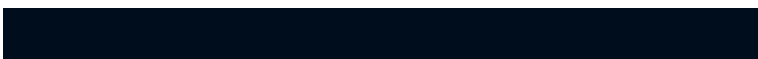
153, 152, 183



83, 86, 92



0, 49, 156



0, 9, 28

Previews

White Background



This preview shows how the RYB color 178, 183, 152 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 178, 183, 152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

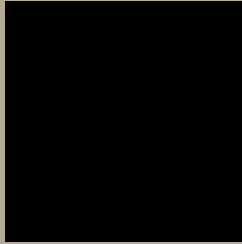
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 178, 183, 152 Background



This preview shows how black text looks on a background with the RYB color 178, 183, 152.



This preview shows how white text looks on a background with the RYB color 178, 183, 152.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


Dichromacy



Original Color
178, 183, 152

Protanopia
165, 178, 153

Deuteranopia
194, 170, 153



Tritanopia
186, 165, 178

Trichromacy



Original Color

178, 183, 152

Protanomaly

169, 180, 153

Deuteranomaly

190, 173, 153

Tritanomaly

185, 166, 169

Monochromacy



Original Color

178, 183, 152

Achromatopsia

171, 171, 171

Achromatomaly

173, 175, 164

CSS Examples

Text

The CSS property to change the color of the text to RYB 178, 183, 152 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(183, 169, 152) looks like.

```
.text, #text, p{  
    color:rgb(183, 169, 152)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(183, 169, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 169, 152) }
```

Border

The CSS property to change the border of an element to RYB 178, 183, 152 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 169, 152) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(183, 169, 152) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(183, 169, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 169, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 169, 152);  
box-shadow:4px 4px 4px 4px rgb(183, 169,  
152) }
```

Background

The CSS property to change the background color of an element to RYB 178, 183, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 169, 152) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(183,  
169, 152) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor